

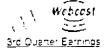
ANNUAL REPORT

WHITE PAPERS

DATA SHEETS

WIRELESS 9-1-1





Marking the way
for Emergency Response

Thirty years ago, the United States created a telephone network that revolutionized the public safety industry. In an emergency, most people could pick up a telephone, dial 9-1-1, and know that help was on the way. Today, the 9-1-1 system is still effective, but the infrastructure behind 9-1-1 hasn't changed much from the time of its inception-leaving it unable to bridge gaps to some new communication technologies.

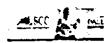
SCC is leading the way in creating innovative products and services for Enhanced 9-1-1 (E9-1-1) that take advantage of today's technologies. We're making E9-1-1 better than ever before-delivering accurate information, faster, to the right people-when seconds count. And our customers-incumbent Local Exchange Carriers (ILECs), Competitive Local Exchange Carriers (CLECs), Integrated Communications Providers (ICPs), and Wireless Carriers-can outsource their 9-1-1 management requirements to us saving them time and money and allowing them to focus on their core business.

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BroadRiver to Delive
Customer-Focused

SCC Communicatio
Alliance with Cell-Lo

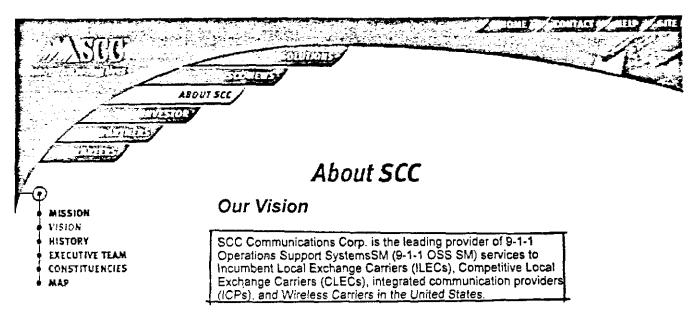
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SCC Communication
Reports Record Thir
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SCC Communications
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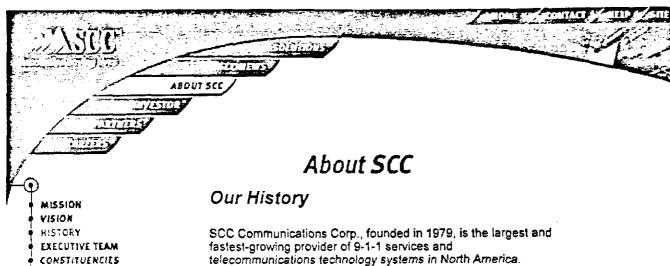


In addition to our OSS leadership position, it is also our goal to be the leading national provider of complementary services to ILECs, CLECs, and Wireless Carriers. We continue to focus on developing innovative and value-added solutions to provide customers with a comprehensive system for managing the large amounts of dynamic subscriber information needed for an effective 9-1-1 system.

Corporate Strategy

- Maintain and extend our leadership position in the E9-1-1 wireline data management market
- Capitalize on emerging Wireless Carrier opportunities
- Maintain and extend our leadership position in national Clearinghouse services for CLECs
- Continue to provide essential services to telecommunications carriers
- Continue to develop applications for new commercial products both nationally and internationally

MAP



fastest-growing provider of 9-1-1 services and telecommunications technology systems in North America. Headquartered in Boulder, Colorado, SCC provides products that are utilized directly or indirectly by more than 160 million people around the world.

SCC's primary offering is the large-scale data management and delivery infrastructure necessary to deliver Enhanced 9-1-1 (E9-1-1). From the company's inception, however, we have been well known for the development of innovative and value-added products and services for the public safety industry.

A History of Firsts

SCC's track record of significant industry "firsts" speaks for itself. No other organization in the public safety realm can claim so many firsts:

- First fault-tolerant, geographically distributed Automatic Location Identification (ALI) and Selective Routing (SR) systems for E9-1-1
- First satellite-based E9-1-1 data delivery system
- First wireless 9-1-1 ALI system
- First spatial coordinate-based mapping display and management system
- First coordinate-based E9-1-1 call control system
- First network-based E9-1-1 Automatic Call Distribution (ACD) system
- First Internet application for E9-1-1 (9-1-1Net(r))

These accomplishments were made possible only through a cultural commitment to innovation and a strong fiscal contribution of corporate resources.

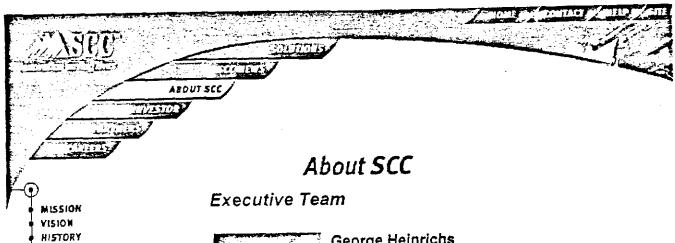
And, over the years, we have seen our role in the industry continue to expand. For example, because of our expertise, we actively take part in the development of standards to assist in the application of new 9-1-1 technologies in the rapidly evolving world of telecommunications.

Our commitment to public safety continues to be widely recognized. So today, just as in 1979, SCC devotes significant effort toward the research and development of enhanced products, services, and software for the public safety market place.

EXECUTIVE TEAM

CONSTITUENCIES

MAP





George Heinrichs

Mr. Heinrichs is cofounder, president, and CEO of SCC Communications Corp. He has led SCC's growth as it has become the nation's largest provider of 9-1-1 technology solutions and services for the telecommunications and public safety industries. Prior to founding SCC, his public safety career included ten years of active involvement in state and national advisory boards for law enforcement information systems.



Stephen Meer

Mr. Meer is cofounder, vice president and CTO of SCC Communications Corp. In this capacity he works with the telecommunications and public safety industries to implement innovative technologies and systems in the 9-1-1 field. A 10-year veteran of public safety and a Charter-Certified Emergency Number Professional (ENP), Mr. Meer is actively involved in the key standards and technical committees associated with 9-1-1 and other emergency communications · industries.



Michael Dingman

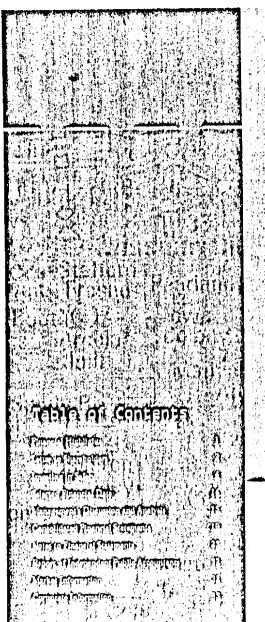
Michael Dingman is the CFO of SCC Communications Corp. Dingman brings nearly two decades of diversified financial management experience to SCC. Prior to joining SCC, he served as CFO and treasurer of RMI.NET, Inc. He also has extensive experience in financial consulting as president and founder of an investment consulting firm.



SCC Communications Corp. 6285 Lookout Road Boulder, Colorado 80301-3343

www.scc911.com





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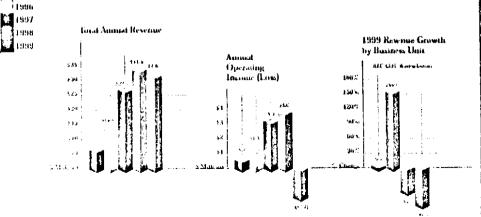
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kang teran stelet Gasat etockholders' reputy (stelle)		2,038 32,935		6,891 3,31 (13,06 (13,06	8) (4.614)



1999 was a exceeded year for SCC. a year of locustry for the feature. In 1999, we reconstructed the company true functioned business units action a number of new products and services, and put the building blocks in place the will not only drive SCC (see the future as the budge in 9-1-1 but will also punished our company for expension total other punishes.

Charing 1950, we resided that in order to provide a full range of services to a diverse set of clients, county of whom are computators with one southers, SCC would need to reshape to approach to the assetcioplese. In addition, SCCs assessment recognised that while some wees of the cose business were actively easy well, and there were a number of many numbers was solved, and there were a number of many numbers set to outside, by was difficult for our characteristic active and outside the county of the

The leaturest units for humanisms Liked Enchange Carthen (ILEC), Whiches Operations, Comparitive Local Enchange Carthers (CLEC), and Direct least comparing the State of the State of the general contract of the state of the Sta

Flagmented Manules The ILEC beatisms unit, which serves clients who have long from the backbones of SCC's business muchel, correspond strong patient pathods and steady growth in 1999. We caustrose so look for peops to expensione our schetcombines with our ILEC clients, and we we forced to the consecut, three-tenant, and seathering on the consecut, three-tenant and anothering of products and services to most their shoughts reach and to expense the beautiful of

The CLEC business unit more than artified in 1939, exceeding the operautition subscriber mark in humary, the just stillion mark in humary and expertise they need to get up and entering and expertise they need to get up and number quackly SCC former on the technical hours of building an occupit data source, thereby aboving the CLEC to concentrate on the all humaritate element of technical source is building an occupit data source, thereby aboving the CLEC to concentrate on the all humaritate element of technical sources.

The Window dustings sent was our highest manually privately claring [300], with unquivey expenses of atomic \$5 million. Our early explanative with a second of the control of which a control to state the measure of the control of th

A susper trurche was eliminated in October 1999 when Congress passed and Fresholm Clintons algored the Window Constructions and Printing Safety Act of 1990, giving interior curriers the mone liability protection for 9-1-1 as whether contracts with Public Safety Associating Found (Safety and planting or significant monitors of indemnetications able to structure with the found of Safety Associating for the provisions that were haddling up displayment. With those founds for sext, the whether continues on now founding our closer passes past to sext, the whether continues on now founding our closer.

The foundation of the sext of the sext of the decimal for SCC's retained adultions.

The Direct binding unit's largest accomplishment to 1989 was the nucleosital pilot of a 9-1-1 solution for which a wate government countries of the property of the services. This countries which the State of Tesas represents a major apportunity for SCC because it is sufficiently to the services of the sold directly to hate and lived governments. In addition to telecommunications courted by the phase-gir impartance of our new direct offerings, we invested approximately \$1.2 million to by the foundation in Tesas.

This included opening on office in Austin, Team, to supplement our data management capulation to Boulder. Colorado, it also linck support for an extensive plate of 40,000 steephone recent and 17,000 arrives notion. These are between 11 and 32 unition records in Team, and existin representing around how committed to transferring that records to \$CC. If your, we have transitioned more than stress million records and expect to complete the custom of the initial at million records by the rest of the year. We are working toward galaxing management of the committing the million in the stress future. Therefore, the success of our pressurant is significant.

In addition to the stanged distinctives in each fundame unit, the Direct and REC business units tenored up to create new services, the first of which is our Emergency Warning and Execusion¹⁰⁰ (EWE¹⁰¹) service. EWE performs high-robuse continued edephase calling to surgued areas warning charact original in Ingertaling design. By the cut of 1999, we had completed noting of the product and signed a content while evenjor it. ECAO busines the product united the major Emergency Proportional Network (EPN). Several considerate and the product and we see the consumet regardations in power other products and we see in consumet regardations in power other further type.

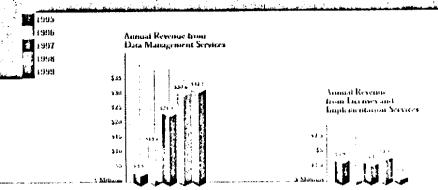
We made a occarge decision going has 1999 to docus our business on our data management services model and this cot expand any algorithms and control of the recurring and long-term nature of our controls; and for the action model. Finance, we may pursue control through our control of the action and at the house of the control of the action and at the parameters and the control of the action and at the parameters and the control of the parameters and the control of the action and at the parameters and the control of the control

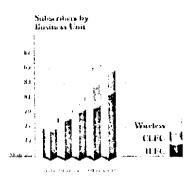
Inventment Strategy and Groveth SCC to the undisputed backer in the delivery of ephatics-critical transactions to believe made for an activity and public solution generally made in the case of whether there is growing at a phenomenon rate. Core can phone for page "You can call your combinations over your PC—on your writtenancial These benevative and surviving activities have against the door to the device to the provide the physicalisms may provide any parable, and they introduce 9-1-1 challenges than represent algorithms appointment of approximant and provide of the provided of the

One such the length less he the fact that reterious culters runne, and size techne to a specific addings done pair exist. A testional scale solution in our in place to circiter the reterious of standors information properties are received by the equipmental points. Due to SCC's database assets and wealthing relationalitys with the file CLECs, wherever carriers and public salety agenthes, we are no a system point to be the backbane for all 0-1-1 cult routing and call and data delivery out a national scale SCC with capitalize on this upportunity. Our 2000 stategy calls for investment of about \$10 tuilities in the research, development, manipuls, and referencements of about \$10 tuilities in the research, development, and interferencement of the contraction of the co

We're excited about the progress we've made and the opportunity that lies ahead. SCC has the vision, technology, and experience no exactly to take public address consumutations into the 21st Century. We have built the complex infrastructure needed to improve multi-a claim. Keeping page built enough, SCC will construe as revolutionate the way 9-1-1 is shown.

I think our employee for their continued dedication and our shareholder for their support.





Sen Hund

George K. Helantcha, President and Chief Executive Officer

The SCC Contribution

his Sunday morning and your five-year-old temperiently runs into your bedroom to assuben you. She thakes you and calls your ment, but you dun't respond. She soon realizes that surrething to wrong and dists 9-1-1. As the calitaker answers, also identifies the problem but is unable to describe for address or location. The calitaker stays on the line and mannerus later, steese can be heard. You're treated for severe altergies to new prescription pills and will go horse that sweeting—thanks to enhanced 9-1-1.

Disting 9-1-1 has become an instinct for Americans in med. A service most of us give fittle thought to, 9-1-1 involves a multitude of routing, mapping, and detabase functions that must be carefully tirrud and paintsakingly accurate. Whether you call 9-1-1 from Montans or Florida, your call in musemed by a calicaker in your area. Your address is displayed on the computer screen, and help can be displayed on the computer screen, and help can be displayed without a word. All this—the call fouriting and resusation of the caller's information—thappens in more seconds and is facilitated by the systems and data that SCC maintains.

Investing in Safety

Early on in the development of enhanced 9-1-1, forward-looking designets understood the significance of pre-locating the 9-1-1 caller. It requires a spice of mosphing, routing, and dachases at trities to provide data cantaining the phone mander of the caller followed by the voke portion of the 3-1-1 call. Every physical location with a techplane mander in mapped for accurate call nonling. This allows the call to be directed in the calledest in their area. During a 9-1-1 call, the irreplanae tounder in lagers the display of anisomality for the called and the intending information on the calledest computer screen—that is, the street address of the called and the identification of the energeta-y exponent cost antipoed to that screet address. The calledest instantly knows withit response unit to send and where. Counting location fadorization from an often hysterical caller in the nation of an emergency no longer delays the response.

At the center of the inner workings of 9-1-1—from caller, to plants network, to callabler, to response team—is the detables that constant the attenting theorestors. The information contained in this obtained must be updated daily. And it must be constantly evaluable. SCC is committed to making this date as accurate as practified.

Americans are constantly moving to new locations, adding new phone lines, and changing service providers. This cranaes the area to change the 9-1-1 dealness religiouse subscriber record. The according of the Master Street Address Gutate (MSAG) in key to the proper function of 9-1-1 calls. Over 100 SCC data analysis and supportions with with our citerias' local justifications to ensure the accuracy and timeliness of apaties. These data analysis provide suppose to more them 1,600 MSAG constitutions representing over 2,000 Public Safety Austoring Potots (PSAP) in 29 states. The SCC data analysis loaded security distinguish of MSAG requests (either aids), changes, at affected anastedly. We manage over 90 analisms undocriber records. Our townstaness in palony sween lows and tractice value to stancinolates.











ILEC and Direct

Our ILEC histories until is focused on supporting our strong listurished level on hange carriers. These customers, comparhed pitmanily of Regimed Bell Operating Compositor, represented 82% of SCC's total reviewe in 1999. Our ILECs chain retize the facilities of SCC's revenue and or constitute to fook for ways to mort and exceed their expectations. Notably, the ILEC similaries until save at 65% to reason in subscribers in 1999.

A significant development in whether services was the rolling of Emergeiny Warning and Executions (EWE's) are vice in the fourth quarter of 1599. EWE is an advanced releptioner-based emergeincy warning service. This service allows country and city agracies to the filter with emergeincy information to their citiesus through a high capacity teleptioner systems. Hash floods, withfilters, electrical apills, and through through substitute are electrical accordance to which it EWE can be used to advise people of the level of danger and the level actions to take. SCC signal a continut with a ningle if EC to so maker this product cinder the name Emergeincy Preparedicas Network and currently has several

In 1998, the Direct business unit signed a contract with the State of Texas. This was the first time that a state government choice an alternative provider for 9-1-1 data management. A pilot test period was consinuted in Texas in 1999 to deconstrate SCC1 ability to independently manage the enhanced 9-1-1 database.

Due to the success of the pilot test, six outilion subscribers made a consistence to translation to SCC and, as of the end of the first quarter, appearance of these entitless Please-based seconds have been transitioned to our distalance. These records are soon generating revenue for SCC. The rest of the committened as militon Please records will be transitioned during 2000. Soles efforts commune to laring the remaindered of the approximately 12 million variable subscribers to the Scale of Please to SCC.

SCC opened an office in Austin, Texas, in 1999. This facility will supplement our customer service and supplement capabilities.

SCC is extremely provided our partnership with the state of Texas. Our accompilationent three serves as a model for other nates interested to providing reliable, inchanologically advasced afternatives for public safety services.

SCC manages over 90 million subscriber records²

The SCC Contribution

It has been raining for days. Nearly doma are swotten. Experts predict that, in less than an hour, the Mason Dam will break, Booding a residential area of more than 16,000 maldents. County emergency contributions activate their Emergency Warning and Evacuation plans.

While flating director, you emerice a phone cell containing a message informing you of a governish danger due to flooding from the Mason Dean. You are extend to evapouse immediately and poly shelter at floreuse Arena. You and your family are safe. SCC's Emergency Werning and Emeusation allows emergency countinators to bunch an ensergency marrieng and autily shousands of residents within indeptes. The residents contact, if are only those in stanger, thus alimitating the combusion operation to singue











The SCC Contribution

You sit down to dinner exit the phone rings. It's a subsphuse provider offering you have rates. Sometic great, as you make the switch and heap your original telephone mantier. While this appears simple, the ability to here your existing telephone sumpler when switching provides has become one of the must significant challenges to accurately maintaining the 8-8-1 deceases.

Established an part of the Telecommunications
Reform Act of 1906, Local Number Pursability

(LNP) regulates a series of precisely timed
transactions between seleptions providers and the

9-1-1 database. A layer between these
transactions could result in missing
linkumsation during a 9-1-1 call.

In January of 2000, SCC hounched a new service testifative: LNP2000th, Directed by a team of operably trained senior modysts, LNP2000 too resident to substantial improvements in service order timing and administrative processing. LNP2000 is another maniple of SCC's efforts to reduce the time and level of sessures focal service providers must expend

CLEC

Our Competitive Local Exchange Cerrier (CLEC) husiness unit continues to be the fastest growing sector of our business with its TelConnect's pervice sifecting. CLEC husiness represented 12% of SCC's total revenue in 1999. CLEC records surranged 244% to 1995 as we executed 11 new CLEC contracts. CLEC intentifier growth expanded from \$00,000 in the beginning of 1995 to over \$1 in this beginning of 1995 to over \$1 in this case of the send of the year.

SCC's CLEC bushins, unit established its Alliance Program in 1999. This program creates strategic partnerships with other bushinsess and ventions to develop and set high quality 9:1-1 Operations Support Systems** (9:1-1 OSS**) for the CLEC maker. Our absences allow us to deploy cost-effective solutions to the market nature capital.

Among the goals for 2000 is the development of a series of products to his news sustaination, resolving to the delivery of main coar-efficiency obstitions. The plans also focuses on intreasing the amortisms of SCC and its value to the marketplane. These goals will be accomplished by continuing to previous or introspossed beed of customer service, empossing the live of products and services officered by SCC, and establishing partnerships with more OSS vensions.





Wireless

just as the traditional dial rose providers, concreency services suppliers, and their wendors just entianced 9-1-1 down has fine science, along coness wereless. Not for feelinal was the Federal Communications Commission (FCC) mandate requiring the wheless heliusty to support enhanced 9-1-1 and provide focation theforesation to calibrate.

The maniferes issued by the FCC in 1996 are referred to as Phine I and Phine II. Phine I location data was to be available as of April 1998 and was to be heartly due call nector and calline's counter of the 9-1-1 caller to the calline's. Funding for the PSAPs and liability issues for the wheless cartiers have significantly showed Phine I implementation. However, passage of the Wireless Communication and Public Salety Act of 1999 has in energical deployment efforts, which we hape will integ direct and position resolution for our wheless burstness units.

The FCC's Phase II implementation schedule has been set for October 1, 2001 and requires wireless carriers to provide more precise called four attention through strategic additions, SCC is well positioned as a leading provider of Phase 1 and Phase II service to wireless carriers with its 9-1-1Connect** service offerings.

Despite delays and roselblocks experienced in rolling our Plans I, the Whele's Institute unit accounted for 5% or 5%C 5 total severage for 1999. The Whele's group humanized in Interiors of 100% in its subscriber base for Plans Evertices thating 1999, stringing total law subscribers to 726.000. The group has certain experiencing 27.1 million subscribers under contract.

Continued rollout of Phase I is a priority for SCC's Wireless hashess only to 2000, and our strategy for the deployment of our Phase II solution is aggressive. The result is an imposative solution for Phase I and Phase II wheless services, as well as the positioning of SCC as a leading provider of wheles services.

Approximately 98,000 9-1-1 wireless calls are made daily





The SCC Contribution

You're By Bahtog In the streams of the Cotorado River, and nothing qualit be better. You glance over at your friends a few yords behind you and notice that he has collapsed. As you approach, you realize that he is having a hunt attack. You grall your wireless phone and that 9-1-1, You almost establish your tocation with the calitakes when the call drops, and your tocation with the calitakes when the call drops, and your tocation with the calitakes when the call drops, and your tocation with the calitakes when the call drops, and your tocation is ton. With SCC's 911Connect service, the 9-1-1 calitakes has your cell phone sumber and is able to call you hack. Emergency assistance is on the way.

Surveys show 64% of people who buy wireless phones rank safety as their sounder one priority.

SCC understands this importance and is here to provide Phase I and Phase II service to wireless